

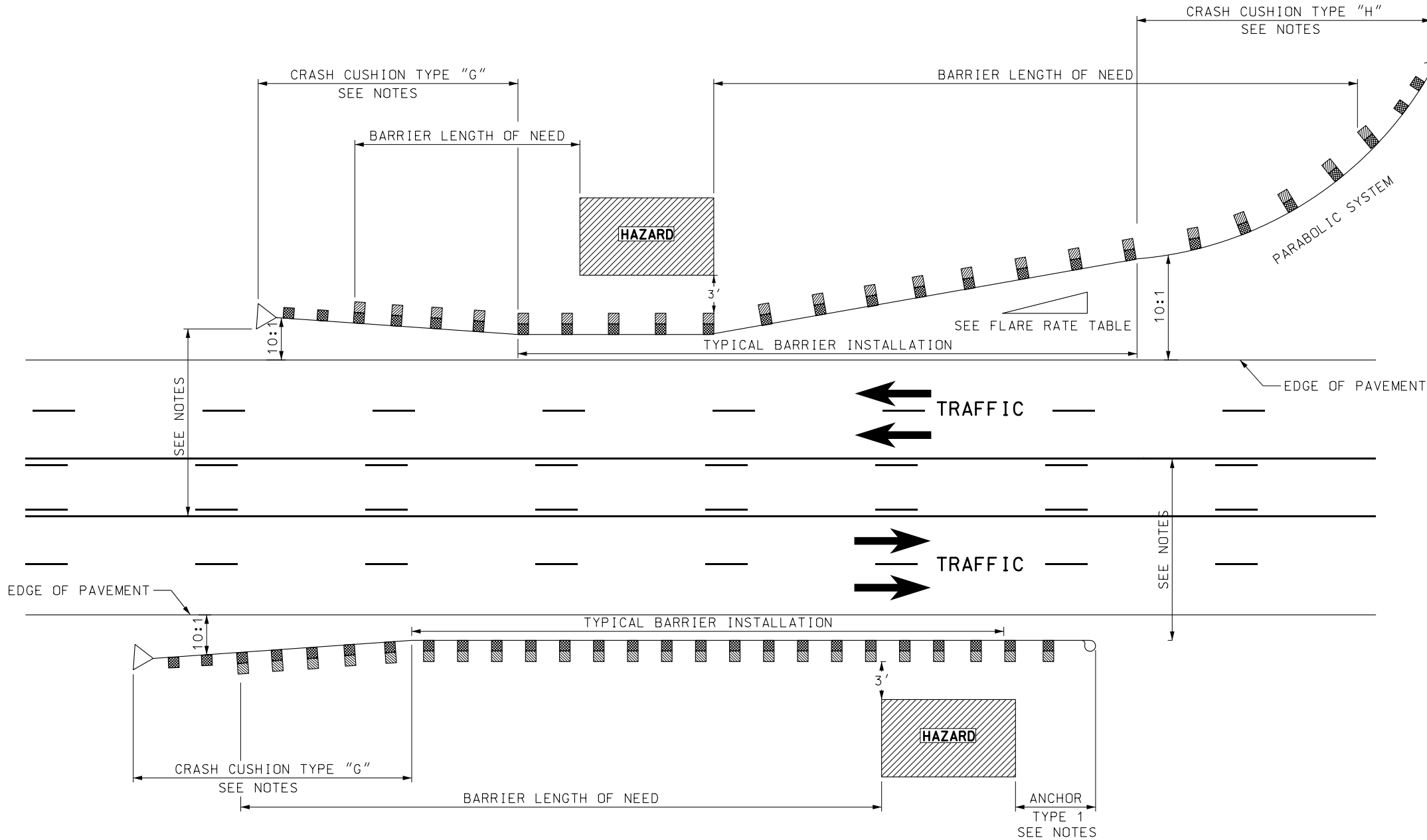
15-DEC-2004 D:\1\let\N\Std\Standard Drawings\Imperial\2005\Approved\Barriers (BA)\ba4G.dgn

FLARE RATE TABLE		
SPEED (MPH)	RATE OUTSIDE SHY LINE	* RATE INSIDE SHY LINE
≤35	7:1	13:1
40	8:1	16:1
45	10:1	18:1
50	11:1	21:1
55	12:1	24:1
60	14:1	26:1
65	15:1	30:1
≥70	15:1	30:1

* DESIGN EXCEPTION REQUIRED

NOTES:

1. WHEN USING GUARDRAIL BARRIER, AND A RAISED MEDIAN (ISLAND) IS PRESENT OR BEING CONSTRUCTED, AND THE MEDIAN CURB MEETS STD DWG GW 2, NOTE 3 CRITERIA, NOTE 2 OF THIS DRAWING DOES NOT APPLY.
2. USE CRASH CUSHION OR BURIED-IN-BACKSLOPE WHEN END OF GUARDRAIL INSTALLATION IS WITHIN 1.2 TIMES THE AASHTO REQUIRED CLEAR ZONE.
3. USE A CRASH CUSHION OR ANCHOR TYPE I WHEN END OF GUARDRAIL INSTALLATION IS EQUAL TO OR GREATER THAN 1.2 TIMES THE AASHTO CLEAR ZONE, FOR OPPOSING TRAFFIC.
4. CRASH CUSHIONS SHOWN ARE FOR ILLUSTRATION. TYPES "G" AND "H" CAN BE USED ON TANGENT OR FLARED GUARDRAIL INSTALLATIONS.
5. CONSIDER USING BURIED TERMINAL END WHEN CONDITIONS PERMIT.
6. CONSULT GUIDELINES FOR CRASH CUSHIONS AND STD DWGS, CC SERIES FOR PROPER CRASH CUSHION SELECTION AND INSTALLATION REQUIREMENTS.



UTAH DEPARTMENT OF TRANSPORTATION

STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

SALE PRICE \$1.00

DATE JAN.01.2005

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DATE

DATE

W-BEAM GUARDRAIL
TYPICAL
MULTILANE ARTERIAL

STANDARD DRAWING TITLE

STD DWG
BA 4G

REVISIONS

REMARKS

NO. DATE APPR.